

LIST OF PUBLICATIONS

A. International Papers

1. Kanthi Kiran Kondepudi and T.S. Chandra (2008) Production of surfactant and detergent-stable, halophilic, and alkalitolerant alpha-amylase by a moderately halophilic *Bacillus* sp. Strain TSCVKK. *Appl. Microbiol. Biotechnol*, **77**, 1023-1031
2. Kanthi Kiran Kondepudi and T.S. Chandra (2011) Identification of osmolytes from a moderately halophilic amyolytic *Bacillus* sp. strain TSCVKK. *Eur. J. Expt. Biol*, 1 (1): 113-121
3. Kanthi Kiran Kondepudi and T.S. Chandra (2011) Isolation of a moderately halophilic and amyolytic bacterium from saline soil of a salt manufacturing industry. *J. Pure Appl Microbiol.*, 5 (2): 545-552
4. Kanthi Kiran Kondepudi and T.S. Chandra. Production of alpha-amylase by the immobilized cells of *Bacillus* sp. strain TSCVKK (submitted to Curr Microbiol)
5. Padma Ambalam, Kanthi Kiran Kondepudi, Torkel Wadström and Åsa Ljungh. Cell surface hydrophobicity, congo red binding and biofilm formation of probiotic lactobacilli (2011; under review Applied and Environmental Microbiology).
6. Kanthi Kiran Kondepudi, Padma Ambalam ,Torkel Wadström, Åsa Ljungh. Acid and bile tolerance and prebiotic preferences of Bifidobacteria strains of human origin. (Final stage of preparation. To be submitted to Anaerobe)
7. Kanthi Kiran Kondepudi, Padma Ambalam , Peren K., Torkel Wadström, Åsa Ljungh. Prevention of *Clostridium difficile* infection with Synbiotic supplement in a Mouse model (Final stage of preparation to be submitted to Journal of Infectious Diseases).
8. Kanthi Kiran Kondepudi, Padma Ambalam ,Torkel Wadström, Åsa Ljungh. Acid and bile tolerance and prebiotic preferences of lactobacilli of human origin (MS under preparation)

B. Presentation in Conferences

1. Kanthi Kiran, K., Padma Ambalam., Praveen Babu Balusupati., Torkel Wadström and Åsa Ljungh (2011) *In vitro* fermentation of prebiotics by bifidobacteria. International Conference on Probiotics and Prebiotics, Slovakia
2. Padma Ambalam., Kanthi Kiran, K., Greta Mikucionyte., Torkel Wadström and Åsa Ljungh (2011) Antimicrobial activity of Lactic acid bacteria and bifidobacteria against *Clostridium difficile*. Lund, International Conference on Probiotics and Prebiotics, Slovakia
3. Kanthi Kiran, K., Padma Ambalam., Torkel Wadström and Åsa Ljungh (2010) Criteria for the selection of probiotics and prebiotics for the treatment of *Clostridium difficile* associated antibiotic diarrhea. Lund, Malmo, Copenhagen Meeting, Lund University, Sweden (Oral presentation)

4. [Kanthi Kiran Kondepudi](#) and T.S. Chandra. Identification of osmolytes from a newly isolated moderately halophilic and alkalitolerant *Bacillus* sp. strain TSCVKK. Presented at 48th Annual conference of AMI, "Microbes: Biofactories of the future", at IIT Madras, Chennai, India. Dec18-21, 2007
5. [Kanthi Kiran Kondepudi](#) and T. S. Chandra. Production of alpha amylase by a newly isolated moderately halophilic *Bacillus* sp. Strain TSCVKK 47th AMI Annual conference "Microbiology-the challenges ahead" at Barkatullah University, Bhopal, India, Dec 2006
6. [Kanthi Kiran Kondepudi](#) and T. S. Chandra. Isolation of polysaccharide degrading moderately halophilic bacteria from a saltern presented at 46th AMI Annual conference, "Microbiotechnology-2005" at Osmania University, Hyderabad. Dec 2005
7. [Kanthi Kiran. K.](#), B. Sen., K. P. Pooja., J. Kalyani., K. Nirmala and T. S. Chandra. Lignocellulosic biodegradation during vermicomposting of sugar industry wastes, pressmud, bagasse and trash presented at 44th AMI Annual conference: "Microbial diversity" at Dharwad agricultural university, Dharwad, Nov 2003
8. B. Sen., [Kanthi Kiran, K.](#), P Pooja and T. S. Chandra. Biofertilizer production from sugarcane industries-acceleration and improvement through bioinoculants. International Conference on "Emerging Frontiers at the Interface of Chemistry and Biology" (ICB-2003), Trivandrum, India, 2003

C. Patents

1. Padma S. Ambalam, [Kanthi Kiran, K.](#) Torkel Wadström Å Sa Ljungh "The development of a next generation probiotic supplement for treatment and prevention of antibiotic associated diarrhea Provisional patent filed.